

AMENDMENTS TO THE CLAIMS

Claim 1 (Currently amended): A method for applying a hot melt adhesive in a melted state to a surface of a substrate to obtain a laminated object, the method comprising the steps of:
preparing a hot melt adhesive, which is a urethane reactive hot melt adhesive and melts in a temperature range of 100 to 130°C;
conveying the substrate which is a wood board at a predetermined speed;
rotating an applicator roller in the direction which the substrate is moved on a conveyer and a circumferential speed at least 20% slower or at least 20% faster than the predetermined speed of the substrate to cause the roller to slip, wherein the substrate is covered with the hot melt adhesive in a melted state supplied from a pool of the hot melt adhesive existing in a valley formed by the applicator roller and a metering roller via an interface of the rollers; [and]
contacting the upper surface of the substrate from above with the applicator roller to form an adhesive layer on substantially the entirely of the upper surface of the substrate with the hot melt adhesive; and
bonding said adhesive layer formed on the substrate with a laminate, which is selected from the group consisting of a film, a decorative paper, a laminate material and a metallic paper.

Claim 2 (Original): The method for applying a hot melt adhesive to a surface of a substrate according to claim 1, wherein the adhesive layer is formed by applying a plurality of coatings of the hot melt adhesive.

Claim 3 (Original): The method for applying a hot melt adhesive to a surface of a substrate according to claim 1, wherein the circumferential speed of the applicator roller is set to be less than the predetermined speed at which the substrate is conveyed, with a speed reduction ratio ranging from 20% to 80% and equal to (conveying speed of substrate- circumferential speed of applicator roller) x 100 / conveying speed of substrate.

Claims 4-9 (Canceled).

Claim 10 (Currently amended): A method for producing a laminated object, the method comprising the steps of:

conveying a substrate which is a wood board at a predetermined speed;

contacting the upper surface of the substrate from above with the applicator roller;

rotating the applicator roller covered with a hot melt adhesive in a melted state which is supplied from a pool of the hot melt adhesive located between the applicator roller and a metering roller via an interface of the applicator roller and a metering roller, at a circumferential speed at least 20% slower or at least 20% faster than the predetermined speed at which the substrate is conveyed to cause it to slip;

forming an adhesive layer on substantially the entirely of the upper surface of the substrate with the hot melt adhesive; and

applying a laminate, which is selected from the group consisting of a film, a decorative paper, a laminate material and a metallic paper, on the adhesive layer which is formed on the substrate.

Claim 11 (Original): The method of producing a laminated object according to claim 10, wherein the adhesive is applied by a plurality of applicator rollers.

Claim 12 (Original): The method of producing a laminated object according to claim 10, wherein the substrate is a wood board, the adhesive is urethane reactive hot melt adhesive, and the laminate is a film or a decorative paper.

Claim 13-14 (Canceled).

Claim 15 (Previously presented): The method for applying the hot melt adhesive to the surface of the substrate according to claim 1, wherein a clearance between the applicator roller and a backing roller is 99% to 95% of the thickness of the substrate.

Claim 16 (Previously presented): The method for applying the hot melt adhesive to the surface of the substrate according to claim 1, wherein the urethane reactive hot melt adhesive which melts in a temperature range of 100 to 130°C has a viscosity of 1,000 to 30,000 mPa·s.

Claims 17-18 (Canceled).

Claim 19 (Currently amended): The method for applying a hot melt adhesive to a surface of a substrate according to claim 1, ~~wherein the laminated object is further comprising the step of bonding said adhesive layer formed on the substrate with a laminate, which is selected from the group consisting of a film, a decorative paper, a laminate material and metallic paper and laminating material, to form a an~~ architectural material.

Claim 20 (Currently amended): The method of producing a laminated object according to claim 10, ~~wherein the laminate is selected from the group consisting of a film, a decorative paper, a laminate material and metallic paper and laminating material, and the substrate on which the laminate is applied via the adhesive layer is an architectural material.~~

Claims 21 (Previously presented): The method for applying a hot melt adhesive to a surface of a substrate according to claim 1, wherein the substrate is substantially conveyed at a predetermined speed horizontally, while the substrate is conveyed and contacted with the applicator roller.

Claims 22 (Previously presented): The method of producing a laminated object according to claim 10, wherein the substrate is substantially conveyed at a predetermined speed horizontally, while the substrate is conveyed and contacted with the applicator roller.